

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-7. (Cancelled)

8. (Currently Amended) A method comprising:

receiving an Activate Packet Data Protocol (PDP) Context Request message at a Serving General Packet Radio System (GPRS) Support Node (SGSN) of ~~the~~ a network from a mobile station of the network, the Activate PDP Context Request message having an APN field containing information that explicitly indicates requesting one of a private network address and a public network address to be assigned to the mobile station; and

sending an Activate PDP Context Accept message to the mobile station containing information assigning one of a private network address and a public network address to the mobile station based on the information contained in the APN field of the Activate PDP Context Request message.

9. (Currently Amended) The method according to claim 8, further comprising ~~steps of:~~

sending a Create PDP Context Request message from the SGSN to a Gateway General Packet Radio System (GPRS) Support Node (GGSN) of the network, the Create PDP Context Request message having an APN field containing information relating to a request for one of a private network address and a public network address for the mobile station; and

receiving a Create PDP Context Response message from the GGSN containing information assigning one of a private network address and a public network address to the mobile station based on the information contained in the APN field of the Activate PDP Context Request message.

10. (Currently Amended) The method according to claim 9, further comprising ~~steps~~ of:

receiving the Create PDP Context Request message from the SGSN at the GGSN;

assigning one of a private network address and a public network address to the mobile station based on the information contained in the APN field of the Create PDP Context Request message and

sending the Create PDP Context Response message from the GGSN to the SGSN containing the information assigning one of a private network address and a public network address to the mobile station based on the information contained in the APN field of the Create PDP Context Request message.

11. (Currently Amended) The method according to claim 8, further comprising ~~steps~~ of:

sending a Create PDP Context Request message from the SGSN to a Border Gateway (BG) of the network, the Create PDP Context Request message having an APN field containing information relating to a request for one of a private network address and a public network address for the mobile station; and

receiving a Create PDP Context Response message at the SGSN from the BG containing information assigning one of a private network address and a public network address to the mobile station based on the information contained in the APN field of the Activate PDP Context Request message.

12. (Currently Amended) The method according to claim 11, further comprising ~~steps~~ of:

receiving the Create PDP Context Request message at the BG;

assigning one of a private network address and a public network address to the mobile station based on the information contained in the APN field of the Create PDP Context Request message; and

sending the Create PDP Context Response message to the SGSN containing the information assigning one of a private network address and a public network address to the mobile station based on the information contained in the APN field of the Create PDP Context Request message.

13. (Currently Amended) The method according to claim 12, further comprising ~~steps~~ of:

sending the Create PDP Context Request message from the SGSN to a Gateway General Packet Radio System (GPRS) Support Node (GGSN) of the network;

sending the Create PDP Context Request message from the GGSN to the BG;

receiving the Create PDP Context Response message at the GGSN from the BG; and

receiving the Create PDP Context Response message at the SGSN from the GGSN.

14. (Currently Amended) The method according to claim 8, further comprising ~~a step~~ receiving at the mobile station the Activate PDP Context Accept message containing the information relating to an assignment of one of a private network address and a public network address to the mobile station based on the information contained in the APN field of the Activate PDP Context Request message.

15. (Cancelled)

16. (Cancelled)

17. (Cancelled)

18. (Cancelled)

19. (Cancelled)

20-27. (Cancelled)

28. (Currently Amended) A method comprising:

receiving a Create Packet Data Protocol (PDP) Context Request message from a Serving General Packet Radio System (GPRS) Support Node (SGSN) at a Gateway General Packet Radio System (GPRS) Support Node (GGSN), the Create PDP Context Request Message having an APN field containing information that explicitly indicates requesting one of a private network address and a public network address ~~for~~ to be assigned to a mobile station of the network;

assigning one of a private network address and a public network address to the mobile station based on the information contained in the APN field of the Create PDP Context Request message; and

sending the Create PDP Context Response message from the GGSN to the SGSN containing the information assigning one of a private network address and a public network address to the mobile station based on the information contained in the APN field of the Create PDP Context Request message.

29. (Cancelled)

30. (Cancelled)

31. (Currently Amended) A method comprising:

receiving a Create Packet Data Protocol (PDP) Context Request message from a Serving General Packet Radio System (GPRS) Support Node (SGSN) at a Border Gateway (BG), the Create PDP Context Request Message having an APN field containing information that explicitly indicates requesting one of a private network address and a public network address ~~for~~ to be assigned to a mobile station of the a network;

assigning one of a private network address and a public network address to the mobile station based on the information contained in the APN field of the Create PDP Context Request message and

sending the Create PDP Context Response message from the BG to the SGSN containing the information assigning one of a private network address and a public network address to the mobile station based on the information contained in the APN field of the Create PDP Context Request message.

32. (Currently Amended) A method comprising:

sending an Activate Packet Data Protocol (PDP) Context Request message to a Serving General Packet Radio System (GPRS) Support Node (SGSN) of ~~the a~~ a network from a mobile station of the network, the Activate PDP Context Request message having an APN field containing information containing information that explicitly indicates requesting one of a private network address and a public network address to be assigned to the mobile station; and

receiving at the mobile station an Activate PDP Context Accept message containing information relating to an assignment of one of a private network address and a public network address to the mobile station based on the information contained in the APN field of the Activate PDP Context Request message.

33. (Cancelled)

34. (Cancelled)

35. (Original) The method according to claim 32, wherein the private network address and the public network address are each one of an IPv4 network address and an IPv6 network address.

36. (Previously Presented) The method according to claim 32, wherein the network is a GPRS communications network.

37. (Previously Presented) The method according to claim 32, wherein the network is a Universal Mobile Telecommunications System.

38. (Cancelled)

39. (Currently Amended) A The method according to claim 8, wherein in the receiving and sending, the information comprising:

~~receiving an Activate Packet Data Protocol (PDP) Context Request message at a Serving General Packet Radio System (GPRS) Support Node (SGSN) of a network from a mobile station of the network, the Activate PDP Context Request message having an APN field comprises containing one or more parameters that explicitly indicates requesting one of a private network address and a public network address to be assigned to the mobile station; and~~

~~sending an Activate PDP Context Accept message to the mobile station containing information assigning one of a private network address and a public network address to the mobile station based on the one or more parameters indicating the type of requested network address contained in the APN field of the Activate PDP Context Request message.~~

40. (New) A computer server configured to:

receive an Activate Packet Data Protocol (PDP) Context Request message from a mobile station of a network, the Activate PDP Context Request message having an APN field containing

information that explicitly indicates requesting one of a private network address and a public network address to be assigned to the mobile station; and

send an Activate PDP Context Accept message to the mobile station containing information assigning one of a private network address and a public network address to the mobile station based on the information contained in the APN field of the Activate PDP Context Request message.

41. (New) The computer server according to claim 40, further configured to:

send a Create PDP Context Request to a Gateway General Packet Radio System (GPRS) Support Node (GGSN) of the network, the Create PDP Context Request message having an APN field containing information relating to a request for one of a private network address and a public network address for the mobile station; and

receive a Create PDP Context Response message from the GGSN containing information assigning one of a private network address and a public network address to the mobile station based on the information contained in the APN field of the Activate PDP Context Request message.

42. (New) The computer server according to claim 40, further configured to:

send a Create Packet Data Protocol (PDP) Context Request message to a Border Gateway (BG) of a network, the Create PDP Context Request message having an APN field containing information relating to a request for one of a private network address and a public network address for the mobile station; and

receive a Create PDP Context Response message from the BG containing information assigning one of a private network address and a public network address to the mobile station based on the information contained in the APN field of the Activate PDP Context Request message.

43. (New) The computer server according to claim 40, wherein the private network address and the public network address are each one of an IPv4 network address and an IPv6 network address.

44. (New) The computer server according to claim 40, wherein the network is a GPRS communications network.

45. (New) The computer server according to claim 40, wherein the network is a Universal Mobile Telecommunications System.

46. (New) The computer server according to claim 40, wherein the information comprises one or more parameters that explicitly indicates requesting one of a private network address and a public network address to be assigned to the mobile station.

47. (New) A computer server configured to:

receive a Create Packet Data Protocol (PDP) Context Request message from a Serving General Packet Radio System (GPRS) Support Node (SGSN), the Create PDP Context Request Message having an APN field containing information that explicitly indicates requesting one of a private network address and a public network address to be assigned to a mobile station of a network;

assign one of a private network address and a public network address to the mobile station based on the information contained in the APN field of the Create PDP Context Request message; and

send the Create PDP Context Response message to the SGSN containing the information assigning one of a private network address and a public network address to the mobile station based on the information contained in the APN field of the Create PDP Context Request message.

48. (New) A computer server configured to:

receive a Create PDP Context Request message from a Serving General Packet Radio System (GPRS) Support Node (SGSN) of a network, the Create PDP Context Request message having an APN field containing one or more parameters that explicitly indicates requesting one of a private network address and a public network address to be assigned to a mobile station of the network;

assign one of a private network address and a public network address to the mobile station based on the information contained in the APN field of the Create PDP Context Request message; and

send the Create PDP Context Response message to the SGSN containing the information assigning one of a private network address and a public network address to the mobile station based on the information contained in the APN field of the Create PDP Context Request message.

49. (New) A mobile station configured to:

send an Activate Packet Data Protocol (PDP) Context Request message to a Serving General Packet Radio System (GPRS) Support Node (SGSN) of a network, the Activate PDP Context Request message having an APN field containing information containing information that explicitly indicates requesting one of a private network address and a public network address to be assigned to the mobile station; and

receive an Activate PDP Context Accept message containing information relating to an assignment of one of a private network address and a public network address to the mobile station based on the information contained in the APN field of the Activate PDP Context Request message.

50. (New) The mobile station according to claim 49, wherein the private network address and the public network address are each one of an IPv4 network address and an IPv6 network address.

51. (New) A system comprising:

a Serving General Packet Radio System (GPRS) Support Node (SGSN) configured to send a Create Packet Data Protocol (PDP) Context Request to a Gateway General Packet Radio System (GPRS) Support Node (GGSN) of a network, the Create PDP Context Request message having an APN field containing one or more parameters that explicitly indicates requesting one of a private network address and a public network address to be assigned to a mobile station of the network;

a GGSN configured to send the Create PDP Context Request message to a Border Gateway (BG); and

a BG configured to send a Create PDP Context Response message to the GGSN,

the SGSN configured to receive the Create PDP Context Response from the GGSN.